



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 23.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.10.2020	23.11.2020	8.177	498.8	22.17
2	26.10.2020	23.11.2020	8.154	511.2	22.72
3	26.10.2020	23.11.2020	8.111	523.4	23.26

Note:

1. The material is satisfied as per the requirements.

[Handwritten signature] *[Handwritten signature]*

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 23.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.10.2020	23.11.2020	8.060	500.8	22.26
2	26.10.2020	23.11.2020	8.013	491.1	21.83
3	26.10.2020	23.11.2020	8.099	482.3	21.44

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Date: 25.11.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP,
Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16,
Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

SL.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.10.2020	25.11.2020	8.043	496.5	22.07
2	28.10.2020	25.11.2020	8.089	507.8	22.57
3	28.10.2020	25.11.2020	8.126	514.2	22.85

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Date: 25.11.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.10.2020	25.11.2020	8.132	518.9	23.06
2	28.10.2020	25.11.2020	8.109	507.2	22.54
3	28.10.2020	25.11.2020	8.157	500.4	22.24

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 25.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP,
Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16,
Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN.
DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.10.2020	25.11.2020	8.192	483.7	21.50
2	28.10.2020	25.11.2020	8.163	495.4	22.02
3	28.10.2020	25.11.2020	8.130	505.2	22.45

Note:

1. The material is satisfied as per the requirements.

[Handwritten signatures]

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorised signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017



Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Date: 25.11.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.10.2020	25.11.2020	8.009	510.3	22.68
2	28.10.2020	25.11.2020	8.028	500.4	22.24
3	28.10.2020	25.11.2020	8.057	492.1	21.87

Note:

1. The material is satisfied as per the requirements.

[Handwritten signature]

[Handwritten signature]

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Date: 25.11.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	28.10.2020	25.11.2020	8.110	516.2	22.94
2	28.10.2020	25.11.2020	8.075	503.7	22.39
3	28.10.2020	25.11.2020	8.138	498.8	22.17

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS


Authorized Signatory

Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 11.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP,
Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16,
Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2020	11.11.2020	8.154	254.2	11.30
2	04.11.2020	11.11.2020	8.103	281.3	12.50
3	04.11.2020	11.11.2020	8.067	271.4	12.06

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017



Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.
Date: 11.11.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2020	11.11.2020	8.198	280.2	12.45
2	04.11.2020	11.11.2020	8.171	263.1	11.69
3	04.11.2020	11.11.2020	8.150	277.9	12.35

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

[Handwritten signature]

[Handwritten signature]

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorised signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Job No.: CQCE/BBMP/DM/16/2020-2021

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.
Date: 11.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP,
Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16,
Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2020	11.11.2020	8.011	266.7	11.85
2	04.11.2020	11.11.2020	8.036	251.3	11.17
3	04.11.2020	11.11.2020	8.089	278.4	12.37

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS


Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Job No.: CQCE/BBMP/DM/16/2020-2021

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.
Date: 10.11.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP,
Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16,
Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.11.2020	10.11.2020	8.139	284.5	12.64
2	03.11.2020	10.11.2020	8.157	267.4	11.88
3	03.11.2020	10.11.2020	8.178	268.9	11.95

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.11.2020	10.11.2020	8.175	260.4	11.57
2	03.11.2020	10.11.2020	8.163	253.9	11.28
3	03.11.2020	10.11.2020	8.154	287.2	12.76

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS


Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.
Date: 10.11.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.11.2020	10.11.2020	8.079	284.5	12.64
2	03.11.2020	10.11.2020	8.083	257.8	11.46
3	03.11.2020	10.11.2020	8.099	264.3	11.75

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

[Handwritten signature]

[Handwritten signature]

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

**CIVIL QUALITY
CONSULTANTS & ENGINEERS**

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Job No.: CQCE/BBMP/DM/16/2020-2021

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, QPR
Date: 02.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP,
Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16,
Rajarajeshwarinagara Assembly Constituency under Package 2019-20 RRN.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2020	02.12.2020	8.150	388.6	17.27
2	04.11.2020	02.12.2020	8.121	373.2	16.59
3	04.11.2020	02.12.2020	8.118	397.6	17.67

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Signature]
Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.
Date: 02.12.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2020	02.12.2020	8.185	385.5	17.13
2	04.11.2020	02.12.2020	8.164	364.9	16.22
3	04.11.2020	02.12.2020	8.142	370.7	16.48

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

[Handwritten signature]

[Handwritten signature]

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017



Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.

Date: 02.12.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2020	02.12.2020	8.111	372.4	16.55
2	04.11.2020	02.12.2020	8.073	389.5	17.31
3	04.11.2020	02.12.2020	8.134	394.1	17.52

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

[Handwritten signature]

[Handwritten signature]

For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.
Date: 01.12.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.11.2020	01.12.2020	8.100	378.9	16.84
2	03.11.2020	01.12.2020	8.129	381.7	16.96
3	03.11.2020	01.12.2020	8.164	402.5	17.89

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorized Signature

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destructive Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.

Date: 01.12.2020

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.11.2020	01.12.2020	8.011	380.9	16.93
2	03.11.2020	01.12.2020	8.054	396.3	17.61
3	03.11.2020	01.12.2020	8.096	389.2	17.30

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS


Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.

Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Job No.: CQCE/BBMP/DM/16/2020-2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₁₅
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	03.11.2020	01.12.2020	8.098	366.9	16.31
2	03.11.2020	01.12.2020	8.043	378.8	16.84
3	03.11.2020	01.12.2020	8.127	384.5	17.09

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples received in the laboratory.
- Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC: 17025:2005

CQCE/BBMP/DNA/14/2020/2020

Testing of Construction Material - Mechanical, Soil,
Bitumen, Non Destruction Testing Services, Project
Management Consultants, Third Party Quality Assurance, DPR.
Date: 02.12.2020

Client

Agency

Name of Work

No. of Sample Tested

Date of Testing

Technical Reference

Grade of Concrete

KERB STONE (CORE) TEST REPORT

: Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore

: Sri. Dhananjaya Mahamandya, Contractor, Bangalore

: Comprehensive Development of roads and drains in ward no. 10, Hahaneswaramangala
Assembly Constituency under Package 2019-20 BBMP-DIV (01), BBMP, Bangalore

: 03

: 02.12.2020

: IS-516-1959 (Reaffirmed 1999), SP-24-1983

: M₁₅

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	77.00	0.352	2328.21	1.54	0.950	25.20	12.83	13.86	13.17	16.47
2	50.00	80.00	0.371	2361.86	1.60	0.957	26.80	13.65	14.74	14.10	17.63
3	50.00	83.00	0.389	2386.94	1.66	0.963	27.10	13.80	14.91	14.36	17.95

Note:

1. The material is satisfied as per the requirements.

[Handwritten signature]

[Handwritten signature]

FOR CIVIL QUALITY CONSULTANTS & ENGINEERS

[Handwritten signature]
Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 03

Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No:

CQCE/BBMP/DM/16/2020-2021

Date: 02.12.2020

Client
Contractor
Name of Work

PRECAST SLAB 100mm Thick(CORE) TEST REPORT

: Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
: Sri.Damodar Manjunath, Contractor, Bangalore.
: Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore

No.of Sample Tested

: 03

Date of Testing

: 02.12.2020

Technical Reference

: IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete

: M₂₀

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	82.00	0.372	2310.46	1.64	0.961	32.20	16.40	17.71	17.02	21.28
2	50.00	84.00	0.387	2346.40	1.68	0.965	33.60	17.11	18.48	17.84	22.30
3	50.00	87.00	0.405	2370.86	1.74	0.972	34.90	17.77	19.20	18.66	23.32

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorized Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com



CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025:2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 03.12.2020

TEST REPORT

Client	:	: Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	:	: Sri.Damodar Manjunath, Contractor, Bangalore.
Name of the work	:	: Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01), BBMP, Bangalore
Type of the test	:	: Physical tests on Paver Blocks
Date of Testing	:	: 02.12.2020 to 03.12.2020
Samples supplied by	:	: AGENCY

The results of the tests conducted on the Paver Blocks sample are as follows:

1. THICKNESS:

SLN o	Identification	Thickness, mm	Average thickness, mm
1	01	75.12	75.14
2	02	75.16	

2. COMPRESSIVE STRENGTH:

SL No	Identification	Load in Kilo-Newton	Cross sectional area, mm ²	Compressive strength N/mm ²	Compressive strength Kg/m ²	Requirement as Specification
1	01	692.3	24,200	28.60	286.0	Minimum required Compressive Strength of Individual Units 281 Kg/ m ²
2	02	697.4	24,200	28.81	288.1	

Note:-

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the Laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasi Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com